

Recombinant Full Length Human CYFIP2 Protein, GST-tagged

Cat. No. CYFIP2-2268HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CYFIP2 full-length ORF (AAH11762.1, 1 a.a. - 1253 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	1253 amino acids
Description	CYFIP2 (Cytoplasmic FMR1 Interacting Protein 2) is a Protein Coding gene. Diseases associated with CYFIP2 include Fragile X Syndrome and Amyotrophic Lateral Sclerosis 1. Among its related pathways are Innate Immune System and RET signaling. GO annotations related to this gene include chemokine activity. An important paralog of this gene is CYFIP1.
Molecular Mass	163.35 kDa
AA Sequence	MTTHVTLEDALSNVDLLEELPLPDQQPCIEPPPSSIMYQANFDTNFEDRNAFVTGIAR YIEQATVHSSMNEMLEEGHEYAVMLYTWRSRCSRAIPQVKCNEQPNRVEIYEKTV LEPEVTKLMKFMFYFQRKAIERFCSEVKRLCHAERRKDFVSEAYLLTLGKFINMFAVLD ELKNMKCSVKNDHSAYKRAAQFLRKMA DPQSIQESQNLSMFLANHN RITQCLHQQL EVIPGYEELLADIVNICVDYYENKMYLTPSEKHMLLKVMGFGLYLM DGNVSNIYKLDA KKRINLSKIDKFFKQLQVVPLFGDMQIELARYIKTSAHYEENKSKWTCTQSSISPQYNI CEQMVQIRDDHIRFISELARYSNSEVVTGSGLD SQKSDEEYRELF DLALRGLQLLSK WSAHVMEVYSWKL VHPTDKFCNKDCPGTAE EYERATRYNYTSEEKFAFVEVIAMIK

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GLQVLMGRMESVFNQAIRNTIYAALQDFAQVTLREPLRQAVRKKKNVLISVLQAIRKT
 ICDWEGGREPPNDPCLRGEKDPKGGFDIKVPRRAVGPSSTQLYMVRTMLES LIADK
 SGSKKT LRSSLDGPIVLAIEDFHKQSFFFFTHLLNISEALQQCCDLSQLWFREFFLELT
 MGRRIQFPIEMSMPWILTDHILETKEPSMMEYVLYPLDLYNDSAYYALT KFKKQFLYD
 EIEAEVNLCFDQFVYKLADQIFAYYKAMAGSVLLDKRFRAECKNYGVIIPPSPNRYE
 TLLKQRHVQLLGRSIDLNLRLITQRTSAAMYKSLDQAISRFES EDTLSIVELEWLLEINR
 LTHRLLCKHMTLDSFDAMFREANHNVSAPYGRITLHVFWELNFDLPNYCYNGSTN
 RFVRTAIPFTQEPQRDKPANVQPYLYGSKPLNIAYSHIYSSYRN FVGPPHFKTICRL
 LGYQGIAVVMEELLKIVKSLLQG TILQYVKTIEVMPKICRLPRHEYGSPGILEFFHHQL
 KDIEY AELKTDVFQSLREVGNAILFCLLIEQALSQEEVCDLLHAAPFQNILPRVYIKEG
 ERLEVRMKRLEAKYAPLHLVPLIERLGTPQQIAIAREGDLLTKERLCCGLSMFEVILTR
 IRSYLQDPIWRGPPPTNGVMHVDECEVFHRLWSAMQFVYCIPVGTNEFTA EQCFGD
 GLNWAGCSIIVLLGQQRRFDLDFCYHLLKVQRQDGKDEI IKNVPLKKMADRIRKYQI
 LNNEVFAILNKYMKSVETDSSTVEHVRCFQPPIHQSLATTC

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name CYFIP2 cytoplasmic FMR1 interacting protein 2 [Homo sapiens]

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Official Symbol	CYFIP2
Synonyms	CYFIP2; cytoplasmic FMR1 interacting protein 2; cytoplasmic FMR1-interacting protein 2; p53 inducible protein; PIR121; p53-inducible protein 121
Gene ID	26999
mRNA Refseq	NM_001037332
Protein Refseq	NP_001032409
MIM	606323
UniProt ID	Q96F07

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